

sPHENIX silicon-tracker

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Status of the HDI design

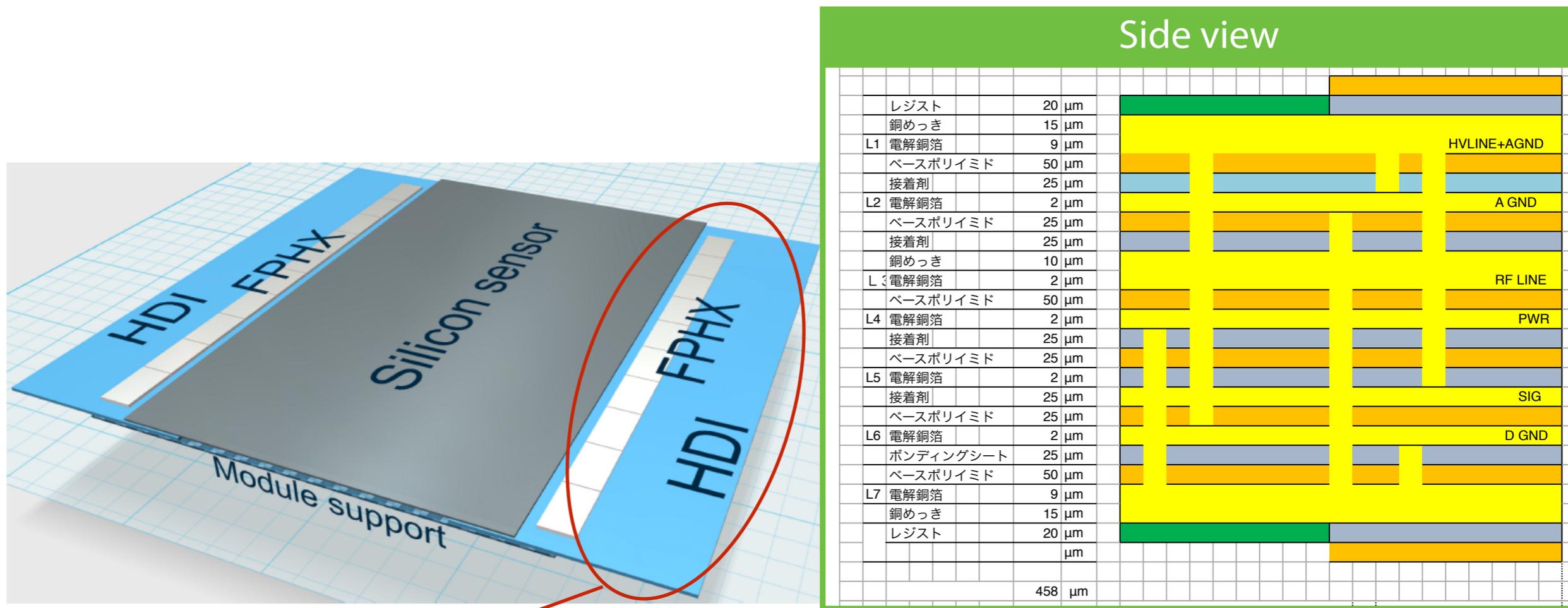
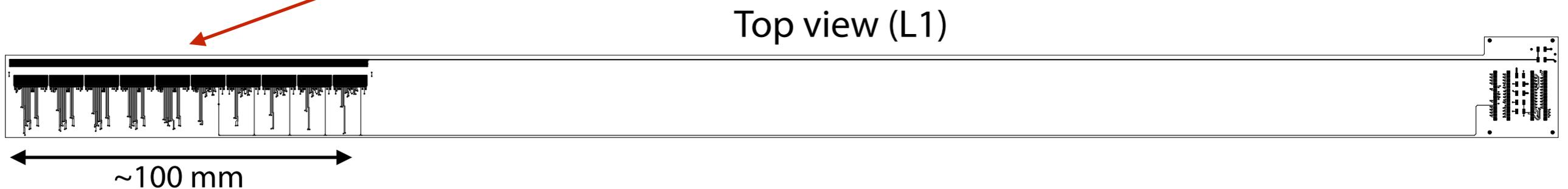
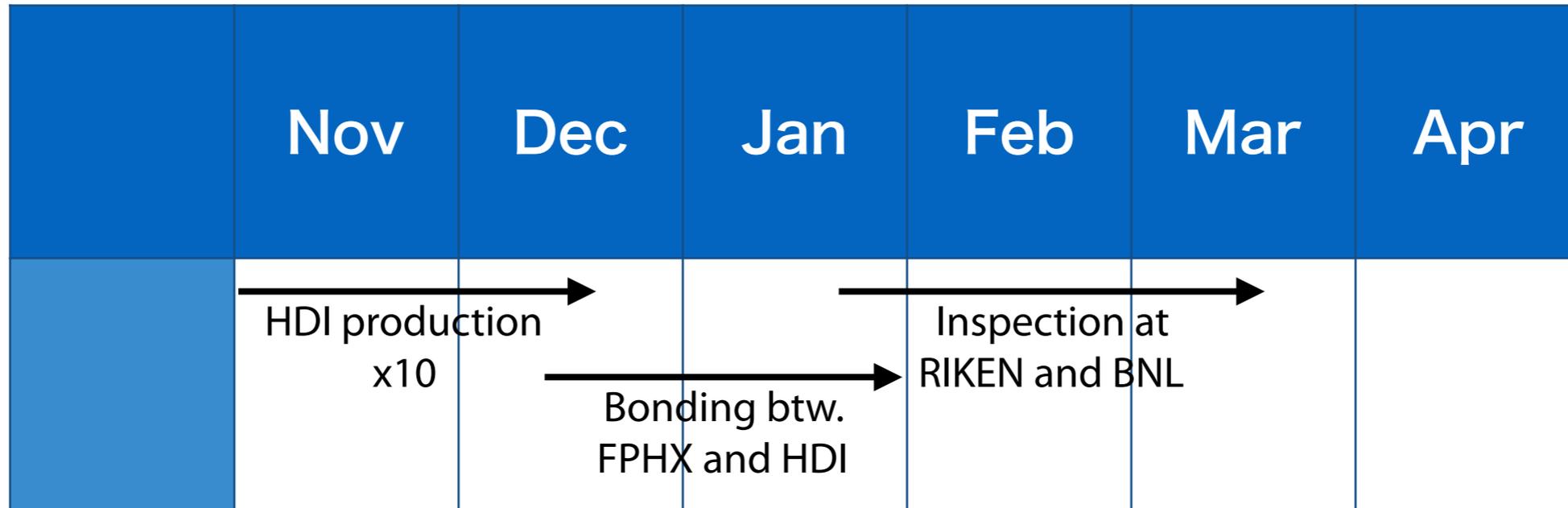


Figure 4.48: Layout for the silicon sensor module for the S1 detector.



- Design of the prototype HDI for the Si-tracker "S1" layer (R~30cm) was done.
- Contract for the production of the prototype HDI will be done soon.

(Approximate) schedule for HDI R&D



- Production of the prototype HDI takes a month after contract.
- Bonding between FPHX and HDI will be performed either in Japan (Hayashi co.) or in US (FNAL).
- Inspection at testbench at RIKEN or BNL.

Backup

